

PRODUCT DATA SHEET

Rugasol® C

SURFACE RETARDER FOR CONCRETE

DESCRIPTION

A ready to use liquid that retards the surface mortar of concrete to expose the aggregate.

USES

Rugasol® C is a surface retarder for application on horizontal surfaces of freshly laid concrete areas such as :

- Floor slabs
- Paths
- Driveways
- Patios
- Swimming pools
- Concrete construction joints, etc.

The action of Rugasol C is the retardation of the setting process of the cement on the top surface of the concrete to a depth of between 2 to 5 mm.

CHARACTERISTICS / ADVANTAGES

Exposing aggregate is one of the most effective methods of preparing concrete construction joints. It is far more effective than green cutting and eliminates the time consuming of hacking method.

By producing exposed aggregate surface finishes, offers the opportunity for decorative finishes to concrete surfaces particularly around the home, civic amenities, office buildings, shopping plazas, commercial buildings, etc.

PRODUCT INFORMATION

Packaging	20 kg pail 200 kg drum
Appearance / Colour	Liquid / Yellowish
Shelf Life	1 year if stored properly in unopened original container
Storage Conditions	Store in Dry, cool, shaded place
Density	~1.06 kg/L

APPLICATION INFORMATION

Consumption	~0.5 – 0.25 kg/m ²
Waiting Time	The retardation period is up to 24 hours in warm weather and up to 36 hours in cooler conditions. It is therefore very important that the Rugasol® C treated surface is washed off within the retardation period.

APPLICATION INSTRUCTIONS

APPLICATION

The concrete is mixed, placed, compacted, screeded and lightly trowelled to an even finish. Rugasol® C is then applied to the concrete surface immediately, preferable by sparing. (An ordinary garden type sprayer or similar is deal). It is essential that the . Rugasol® C is applied before setting has commenced. On the next day the surface is washed and brushed to remove the retarded surface leaving a good clean decorative exposed aggregate finish.

LIMITATIONS

Rugasol® C only retards the surface setting of the concrete and does not “kill” the set. If the surface is not washed off within the retarding period the concrete will set and reach ultimate strength. It is not recommended to use set accelerating admixtures in concrete when using Rugasol® C.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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